

THE USE OF INTERNET TECHNOLOGIES IN THE DATAWARE OF THE AGRICULTURAL SECTOR

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Agricultural enterprises, operating in a competitive environment, are in need of the introduction of new technologies, providing information and advisory activity. Worldwide the function of the dataware of the agricultural sector is performed by the state information and advisory services (ICS), however, in our conditions, they are just being developed.

The software for informational advisory system is developed in BSATU. It allows to implement all the necessary functions of the dataware in the agricultural sector considering Internet technologies, that should be the main instrument of the operation service in general. When developing the dataware system we based on the principles of minimizing the resources required for its establishment and operation and focus on the solution of practical problems:

- Users on-line access from anywhere in the republic to the services of a centralized advisory service;
- maintenance of integrated thematic databases;
- consolidation and storage of relevant information relating to agricultural production;
- full-text information search;
- formation of "Knowledge Base" in the process of consulting service.

The functional structure of the system is a collection of free organized units under common control. This organization allows during the development of the system to add or modify individual modules without the system performance.

Services grouped into four functional groups comprising from one to several services:

1. Information
 - a. Catalogue of the sites on this topic
 - b. General Catalogue Information
 - c. Agro-expert system
 - d. Catalog System machines
 - e. Catalogue of enterprises
 - f. Energysaving
2. Consulting
 - a. Expert Consultation
3. Interactions
 - a. Bulletin board
 - b. Tenders
 - c. Wholesale
4. Social
 - a. Forums and Blogs

The system software is implemented in PHP, MySQL databases and using the CMF Drupal.